

WHAT IS CLAIMED IS:

1. A mobile communication apparatus, comprising:
communication means for carrying out communication with an
opposite party on a public line network through radio waves;
transmission request means for requesting a predetermined
opposite party to transmit desired information by using said
communication means;

storage means for storing information when said communication
means receives said information transmitted in response to
request from said transmission request means; and
output means for outputting said information stored in said
storage means at an arbitrary time.

2. A mobile communication apparatus according to claim
1, wherein said information transmitted from said opposite
party is music data for causing said output means to output
music.

3. A mobile communication apparatus according to claim
1, wherein said storage means is structured so as to be
attachable and detachable.

4. An information providing system using a mobile communication

apparatus, comprising:

an information transmitting station as a transmitter of information provided on a public line network; and

a mobile communication apparatus for carrying out communication with said information transmitting station through radio waves;

wherein said information transmitting station comprises information transmission means for transmitting information specified by a transmission request to said mobile communication apparatus as a requester when said transmission request for said information is issued from said mobile communication apparatus; and

wherein said mobile communication apparatus comprises transmission request means for requesting said information transmitting station to transmit desired information; storage means for storing information when receiving said information transmitted from said information transmitting station; and output means for outputting said information stored in said storage means at an arbitrary time.

5. An information providing system using a mobile communication apparatus according to claim 4, wherein said information transmitted from said information transmitting station is music data for causing said output means of said mobile communication apparatus to output music.

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